2.) EXISTING CONDITIONS ARE ASSUMED TO BE SOUND AND CAPABLE OF SUPPORTING ALL EXISTING AND NEW LOADS.

3.) ALL WORK SHALL COMPLY WITH THE 2015 INTERNATIONAL BUILDING CODE AS AMENDED BY THE TOWN OF CRESTED BUTTE, 2015 INTERNATIONAL ENERGY CONSERVATION CODE, 2015 INTERNATIONAL MECHANICAL CODE, 2015 INTERNATIONAL PLUMBING CODE, 2015 INTERNATIONAL FIRE CODE, 2017 NATIONAL ELECTRICAL CODE, 2017 ANSI A117.1 ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES, THE TOWN OF CRESTED BUTTE 2009 DESIGN GUIDELINES AND ANY OTHER APPLICABLE CODES AND REGULATIONS.

4.) FIELD VERIFY EXISTING CONDITIONS AND DIMENSIONS PRIOR TO

5.) DIMENSIONS ARE TO FACE OF STUD, FACE OF MASONRY, FACE OF CONCRETE, AND CENTERLINE OF BEAM UNLESS NOTED OTHERWISE.

6.) "TYPICAL" (TYP) MEANS IDENTICAL FOR ALL SIMILAR LOCATIONS.

7.) "SIMILAR" (SIM) MEANS COMPARABLE CHARACTERISTICS FOR THE CONDITION NOTED. VERIFY DIMENSIONS AND ORIENTATION WITH DRAWINGS.

8.) "BASIS OF DESIGN" (BOD) MEANS A MANUFACTURERS PRODUCT IS NAMED TO ESTABLISH SIGNIFICANT QUALITIES FOR THE PURPOSE OF EVALUATING

9.) REFERENCE ELEVATIONS AND BUILDING SECTIONS FOR ALL EXTERIOR WALL

10.) FINISH FLOOR ELEVATIONS ARE SHOWN AS AN ARCHITECTURAL DATUM. REFERENCE SITE PLAN FOR ACTUAL ELEVATION REFERENCE.

11.) ALL LEGAL EXITS SHALL FUNCTION FROM THE INTERIOR SPACE WITHOUT THE USÉ OF A KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT.

12.) COORDINATE ALL ELECTRICAL AND MECHANICAL WIRING, PIPING, DUCTS, ETC TO FIT WITHIN CEILINGS, WALLS, AND DEDICATED CHASES.

13.) PROVIDE ACCESS PANELS AS REQUIRED TO ACCESS EQUIPMENT AND DEVICES INCLUDING BUT NOT LIMITED TO MECHANICAL, PLUMBING, AND ELECTRICAL WORK. SOME PANEL LOCATIONS MAY NOT BE LOCATED ON THE DRAWINGS.

14.) PROVIDE PROTECTED PENETRATIONS IN ALL FIRE-RESISTIVE WALLS, FLOORS/CEILINGS, AND ROOF/CEILING ASSEMBLIES AS REQUIRED. PROVIDE FIRE BLOCKING AND DRAFT STOPPING WITHIN CONCEALED SPACES AS REQUIRED BY THE

15.) PROVIDE ALL NECESSARY BLOCKING IN STUD WALLS AND CEILINGS LOCATIONS INCLUDE BUT ARE NOT LIMITED TO: TOILET ACCESSORIES, CEILING AND WALL MOUNTED ELECTRICAL FIXTURES, SHELVES, CABINETRY AND CASEWORK, BUILT-INS, DRAPERY RODS, COUNTER TOPS, AND FALSE BEAMS.

16.) COORDINATION OF BUILDING INSPECTIONS IS THE RESPONSIBILITY OF THE CONTRACTOR. ANY SPECIAL INSPECTIONS REQUIRED BY THE BUILDING INSPECTOR ARE THE RESPONSIBILITY OF THE OWNER.

17.) ONE COPY OF STAMPED CONSTRUCTION DOCUMENTS APPROVED BY THE BUÍLDING OFFICIAL SHALL BE KEPT AT THE SITE OF WORK FOR INSPECTION BY THE AUTHORITIES HAVING JURISDICTION AT ALL TIMES.

18.) STRUCTURE SHALL NOT BE OCCUPIED UNTIL A CERTIFICATE OF OCCUPANCY HAS BEEN ISSUED BY THE BUILDING INSPECTOR.

19.) FIRE SAFETY DURING DEMOLITION SHALL COMPLY WITH CHAPTER 33 OF THE

20.) PORTABLE FIRE EXTINGUISHERS SHALL BE MADE ACCESSIBLE DURING DEMOLITION AND CONSTRUCTION.

Graphic Symbols

DOOR NUMBER - REF DOOR SCHEDULE

SECTION - BUILDING SECTION OR WALL SECTION

WINDOWS & LOUVERS - REF ELEVATION

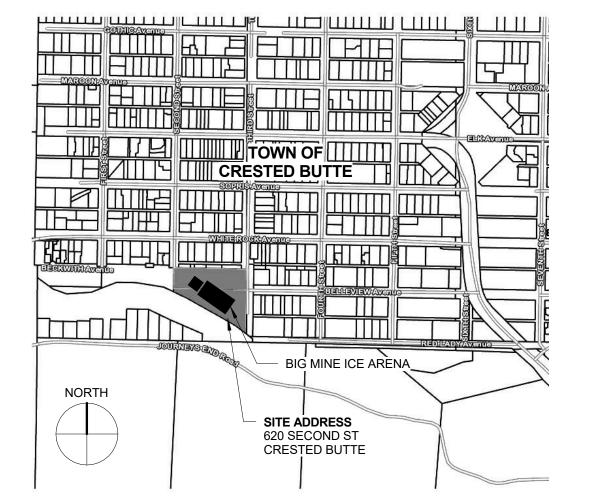
DETAILS, SECTIONS, OR ENLARGED PLANS

ASSEMBLY TYPES - FLOOR, WALL, CEILING & ROOF

REVISION TAG - REF TITLE BLOCK ISSUE LOG

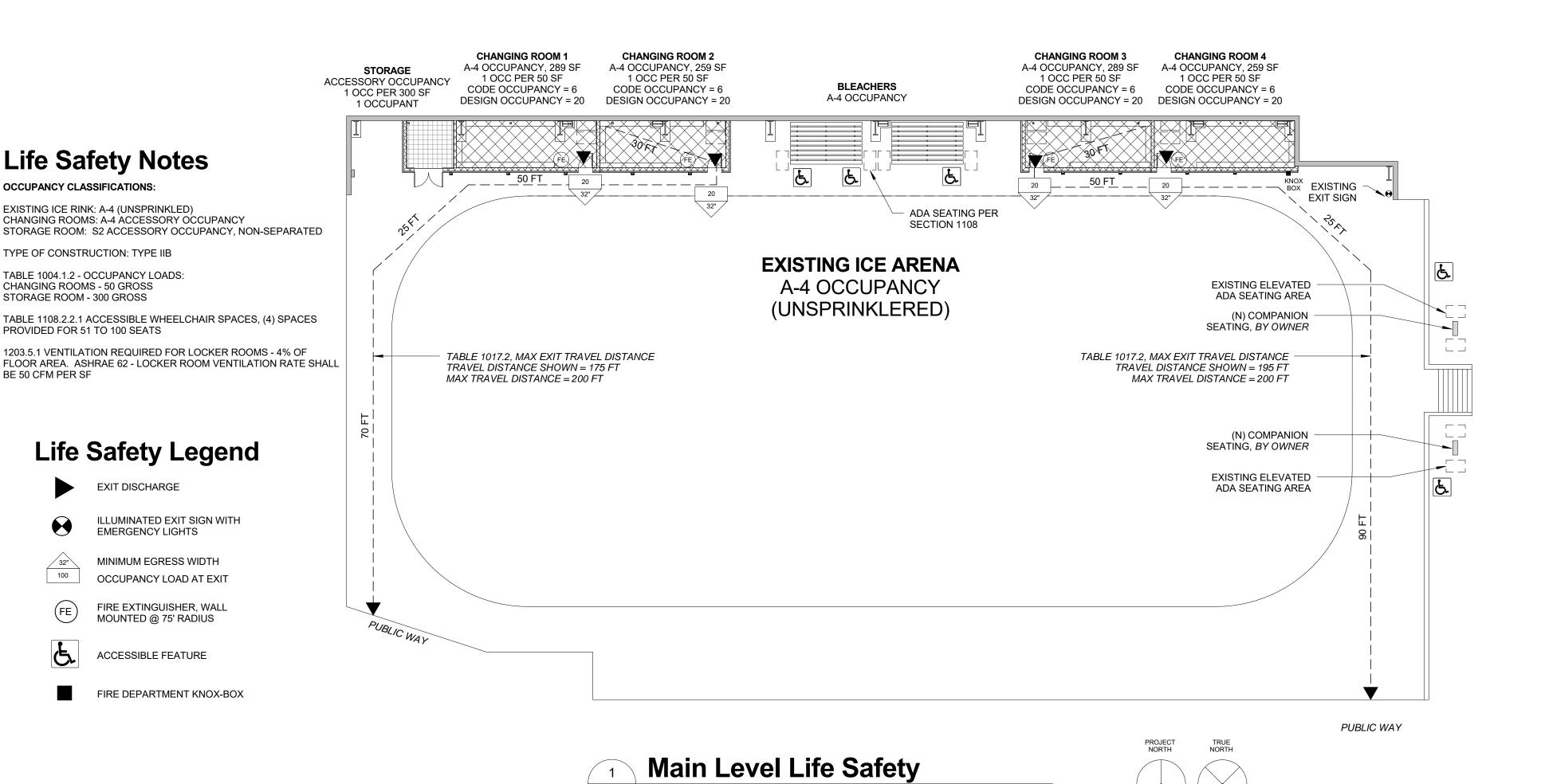
KEY NOTES - REF APPLICABLE SCHEDULES

Area Map



THE BIG MINE ICE ARENA HOCKEY CHANGING ROOMS

620 2ND STREET CRESTED BUTTE, CO 81224 ISSUE G - CONSTRUCTION SET AUGUST 11, 2020



Contact Info

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ARCHITECT

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STRUCTURAL ENGINEER

DYLAN BROWN, PE KRAMER & BROWN PO BOX 3733 CRESTED BUTTE, CO 81224 (406) 396-2295 dylan@kandbstructural.com

SITE ADDRESS

620 SECOND STREET CRESTED BUTTE, CO 81224 PARKS & REC OPEN SPACE ZONING: P. PUBLIC DISTRICT PARCEL AREA: 1.424 ACRES ACCOUNT NO: R027736 PARCEL NO: 3255-03-56-010 BOZAR APPROVAL: YES

Area Totals

GROSS AREA NET AREA

BUILDING 2 GROSS AREA NET AREA

670 SF

560 SF

1,312 SF

1,230 SF

TOTAL GROSS AREA TOTAL NET AREA

* GROSS AREA IS TAKEN FROM THE OUTSIDE FACE OF EXTERIOR WALLS. ** NET AREA IS TAKEN FROM THE INSIDE

FACE OF EXTERIOR WALLS. FLOOR AREA WITH CEILING HEIGHTS LESS THAN 5'-0" ARE INCLUDED.

Sheet Index

COVER SHEET PLANS & ELEVATION **ENLARGED PLANS**

PLAN & DETAILS FRAMING PLANS

> REVIEWD FOR CODE COMPLIANCE 08/13/2020

> > **ASM** Review

Mech/Elec Notes

Life Safety Notes

EXISTING ICE RINK: A-4 (UNSPRINKLED)

TYPE OF CONSTRUCTION: TYPE IIB

TABLE 1004.1.2 - OCCUPANCY LOADS:

CHANGING ROOMS - 50 GROSS

STORAGE ROOM - 300 GROSS

BE 50 CFM PER SF

PROVIDED FOR 51 TO 100 SEATS

CHANGING ROOMS: A-4 ACCESSORY OCCUPANCY

Life Safety Legend

ILLUMINATED EXIT SIGN WITH

EMERGENCY LIGHTS

MINIMUM EGRESS WIDTH

OCCUPANCY LOAD AT EXIT

FIRE EXTINGUISHER, WALL

FIRE DEPARTMENT KNOX-BOX

ACCESSIBLE FEATURE

EXIT DISCHARGE

OCCUPANCY CLASSIFICATIONS:

1.) CONTRACTOR TO PROVIDE ELECTRICAL, MECHANICAL HEATING AND VENTILATION SYSTEMS COORDINATE ALL INFRASTRUCTURE WITH OWNER PRIOR TO CONSTRUCTION.

2.) HEATING SYSTEMS SHALL BE AS FOLLOWS: CHANGING ROOMS - ELECTRIC HEATERS STORAGE ROOM - UNHEATED

3.) PROVIDE DEDICATED 100 CFM EXHAUST FANS IN EACH CHANGNING ROOM. EXHAUST TO THE EXTERIOR PROVIDE TERMINATION CAP WITH BIRD SCREEN AND DAMPER. EXHAUST DUCT SHALL BE LOCATED 3 FEET

4.) ALL THERMOSTATS SHALL BE CONTROLLED VIA TIMER WITH A TEMPERATURE OVERRIDE.

5.) ALL LIGHT SWITCHES SHALL BE CONTROLLED WITH MOTION/OCCUPANCY SENSORS WITH A MASTER CONTROL SWITCH.

OWNER AFTER ELECTRICAL ROUGH-IN TO VERIFY THE LOCATION OF ALL RECEPTACLES AND SWITCHES. 7.) SMOKE DETECTORS DETECTORS SHALL BE HARD-

6.) CONTRACTOR TO SCHEDULE A SITE-WALK WITH THE

DETECTORS IN ALL LOCATIONS. 8.) ALL ELECTRICAL WIRING SHALL BE IN GALV CONDUIT

WIRED WITH BATTERY BACKUP. INTERCONNECT SMOKE

Insulation Notes

1.) INSULATION VALUES SHALL BE AS FOLLOWS: R-38 BATT INSULATION ROOF/CEILING WALLS, FILL R-7 PERLITE R-12 CONTINUOUS RIGID WALLS, CI FOUNDATION NONE, EXISTING

SLAB PERIMETER NONE, EXISTING 2.) CEILING/ROOF SHALL BE SUPER-INSULATED WITH NO VENTILATION.

3.) SPACES WILL BE INTERMITTENTLY OCCUPIED. 4.) IECC COMPLIANCE BY COMPONENT PERFORAMANCE ALTERNATIVE, COMCHECK

Deferred Submittals

THE FOLLOWING DOCUMENTS SHALL BE SUBMITTED TO THE ARCHITECT FOR REVIEW AND APPROVAL. THE ARCHITECT SHALL SUBMIT COPIES TO THE BUILDING DEPARTMENT AS PART OF THE CONSTRUCTION

1.) MANUFACTURED STRUCTURAL COMPONENTS

2.) WELDER CERTIFICATES 3.) PUBLIC ART, BY OWNER

Owner Furnished

THE FOLLOWING ITEMS WILL BE FURNISHED AND INSTALLED BY THE OWNER:

1.) WALL-MOUNTED BENCHES 2.) ADA BENCHES, CHANGING ROOMS 3.) WALL-MOUNTED SHELVES & HOOKS 4.) RUBBER FLOORING 5.) WHITEBOARDS WITH TRAYS 6.) CHANGING ROOM NUMBERS 7.) BLEACHERS 8.) FIRE EXTINGUISHERS 9.) TRASH AND RECYCLING BINS 10.) KNOX BOX

11.) COMPANION SEATING

12.) FOUR KEYPAD LOCKSETS

BEN WHITE ARCHITECTURE

PO BOX 2921

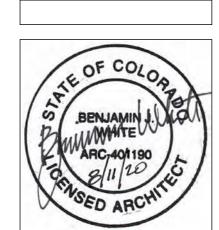
CRESTED BUTTE

COLORADO, 81224 TEL 970.349.5378 ben@benwhitearchitecture.com

GING

ISSUE LOG A 12/12/19 REVIEW SET 01 B 12/23/19 REVIEW SET 02 1/22/20 REVIEW SET 03 D 2/03/20 BID REVIEW 01 2/10/20 BID DRAWINGS 6/19/20 BID DRAWINGS 02

G 8/11/20 CONSTRUCTION SET



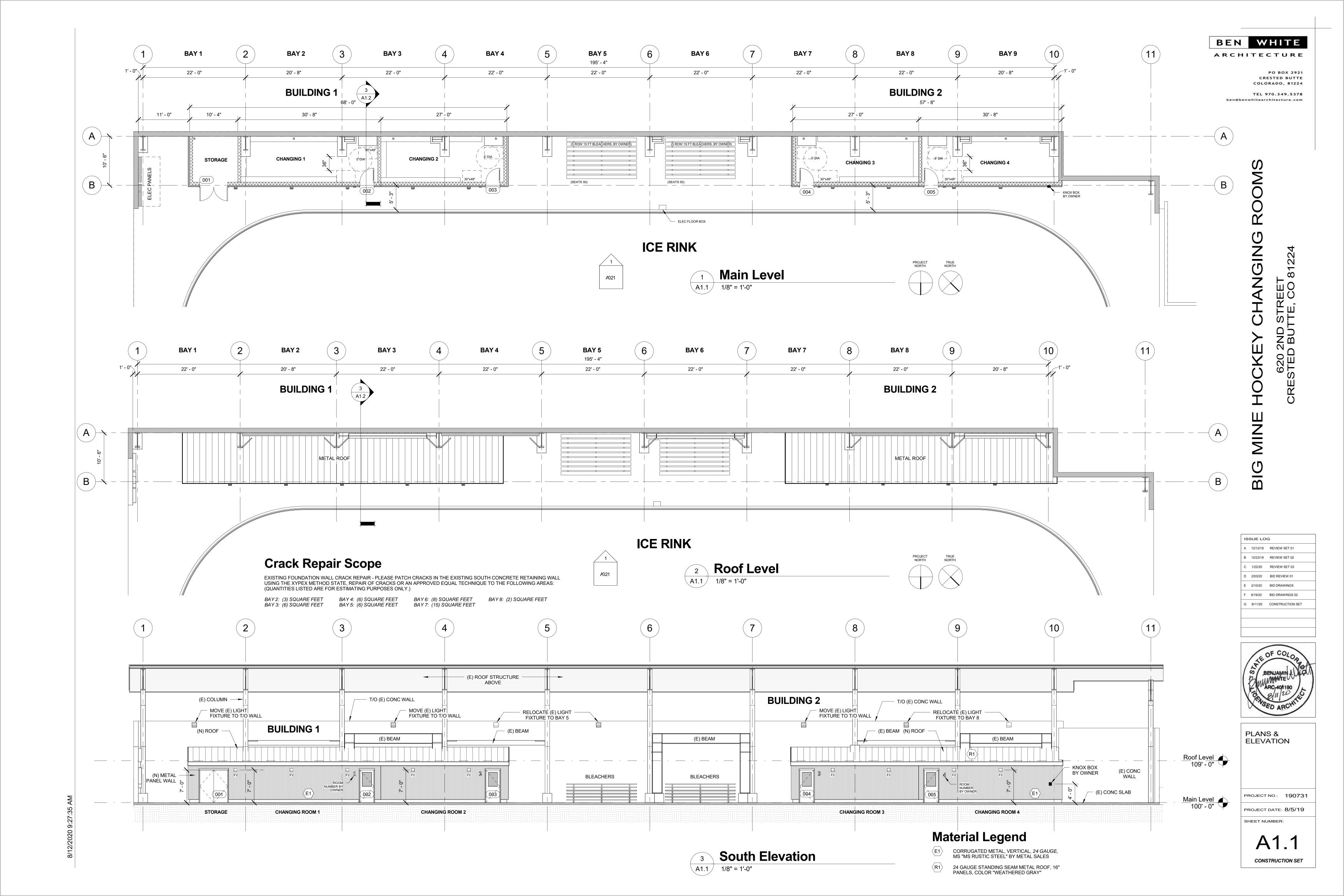
COVER SHEET

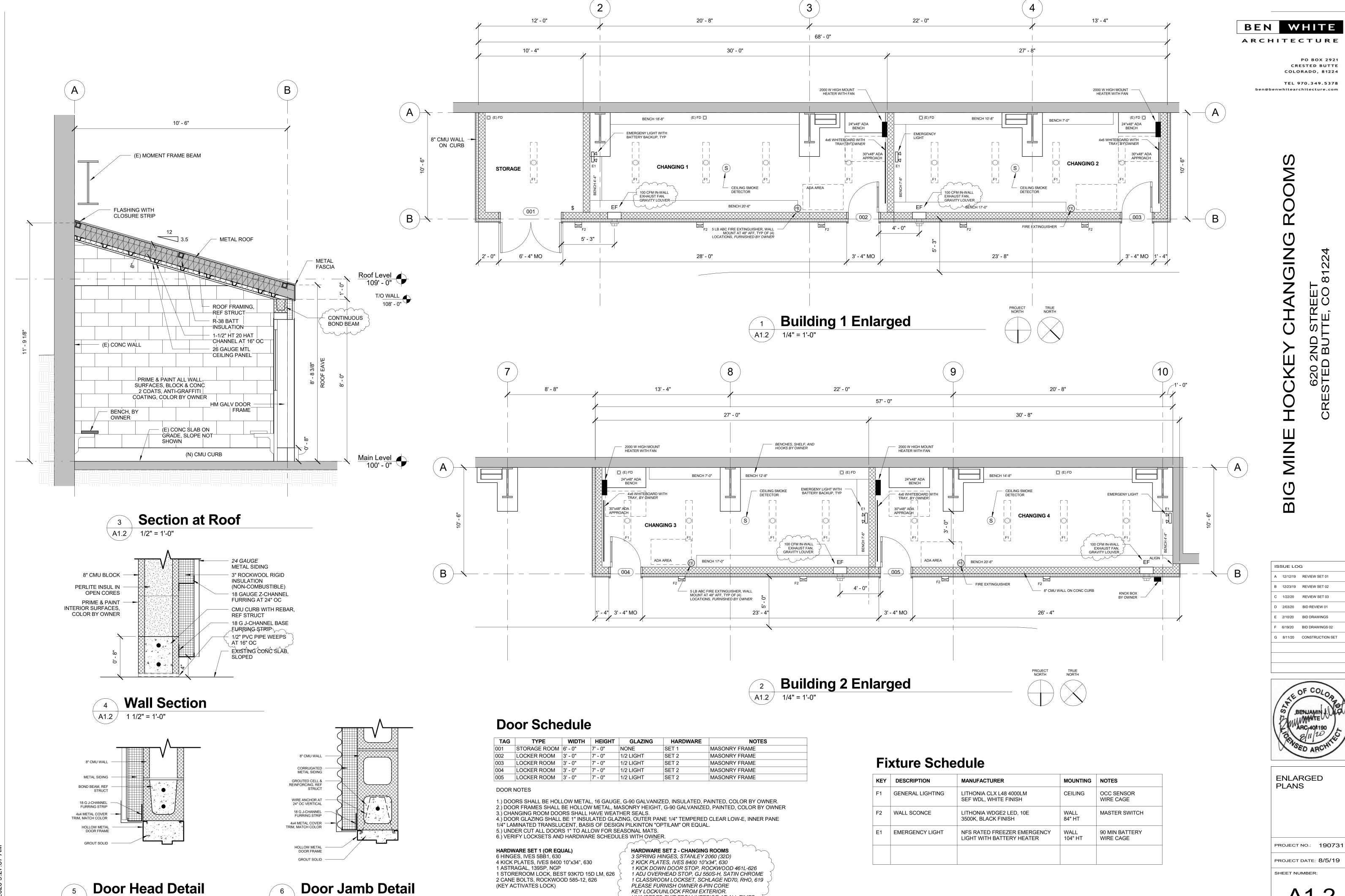
PROJECT NO.: 190731

PROJECT DATE: 8/5/19

SHEET NUMBER:

CONSTRUCTION SET





UNIMPEDED EXIT FROM INTERIOR AT ALL TIMES.

PO BOX 2921

CONSTRUCTION SET

A1.2 1 1/2" = 1'-0"

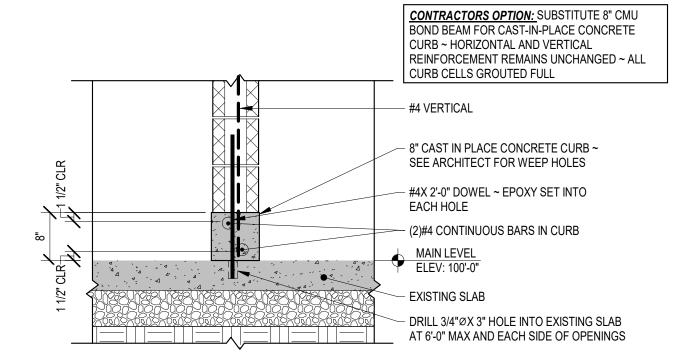
A1.2 1 1/2" = 1'-0"

PROJECT NORTH TRUE NORTH MAIN LEVEL PLAN

1. TYPICAL WALL SHALL BE 8" CMU ON 8" CURB AS DETAILED IN SECTION 1/S.1. WALLS DESIGNED TO SUPPORT FUTURE PLATFORM. 2. CMU SHALL BE LAID WITH TYPICAL RUNNING BOND. DENOTES #4 VERTICAL IN GROUTED CELL

10' - 6" 5' - 3" 5' - 3" EXISTING 10" THICK CONCRETE RETAINING WALL END PL 1/4X 5 1/4X 0'-8" WITH (2)5/8"ØX 4" EMBEDMENT EPOXY BOLTS @ 5" O.C. — - (3) HSS TUBE PURLINS ~ SEE PLAN FOR SIZE ~ WELD TO BEAM IN FIELD OR SHOP WELD - CHANNEL BEAM ~ SEE PLAN FOR SIZE TOP OF MASONRY ELEV: 108'-0" BEARING L3X3X1/4X 0'-4" ~ SHOP WELD TO BEAM – PL 1/4X 4X 0'-8" WITH (2)1/2"Ø HEADED STUDS @ 5" O.C. - 8X8 BOND BEAM WITH (2)#4 CONTINUOUS ~ ALL WALLS (1)#4 VERTICAL @ 6'-0" MAX WITH CELL GROUTED FULL

S.1 3/4" = 1'-0"



S.1 / 3/4" = 1'-0"

LEGEND

EXISTING CONCRETE WALL

#4 VERTICAL IN GROUTED CELL

GENERAL STRUCTURAL NOTES

A. ROOF LOAD ...

B. WIND

.. 40 PSF (SNOW LOAD NOT APPLICABLE) I.R.C. 115 MPH - EXPOSURE B C. FUTURE PLATFORM (USED FOR WALL DESIGN) ..

2. FOUNDATIONS: A. MODULUS OF SUBGRADE REACTION ASSUMED IN DESIGN ..

B. EXISTING SLAB ON GRADE IS ASSUMED TO BE IN GOOD CONDITION WITH PROPER SUB SLAB SOIL C. IT IS THE OWNER'S RESPONSIBILITY TO VERIFY THE ASSUMED VALUES BEFORE CONCRETE CURB IS

PLACED.

CONCRETE: A. ALL CONCRETE FOR CURBS SHALL DEVELOP 3,000 PSI COMPRESSIVE STRENGTH IN 28 DAYS, UNLESS OTHERWISE NOTED. CONCRETE SHALL HAVE 5% ± ENTRAPPED AIR CONTENT, AND SHALL

BE PLACED WITH 4" MAXIMUM SLUMP. B. CURBS SHALL NOT HAVE JOINTS IN A HORIZONTAL PLANE. 4. REINFORCING STEEL:

A. ALL REINFORCING BARS SHALL BE ASTM A615-GRADE 60, EXCEPT EMBEDDED PLATE ANCHORS,

WHICH MAY BE ASTM A615-GRADE 40. WELDED WIRE FABRIC (W.W.F.) SHALL BE ASTM A1064. B. CONCRETE PROTECTION FOR REINFORCEMENT (UNLESS OTHERWISE NOTED): a. CONCRETE POURED IN FORMS & EXPOSED TO WEATHER OR EARTH

C. LAP SPLICES SHALL BE A MINIMUM OF 36 BAR DIAMETERS. WIRE BARS SECURELY TOGETHER AT SPLICES AND INTERSECTIONS. NO WELDING TO REINFORCING BARS WILL BE PERMITTED. WELDED WIRE FABRIC SHALL LAP ONE FULL MESH, BUT NOT LESS THAN 6", AND SHALL BE WIRED D. PROVIDE CORNER BARS OF EQUAL SIZE AND SPACING AS HORIZONTAL BARS.

E. PROVIDE ALL ADDITIONAL REINFORCING AND OTHER ACCESSORIES NECESSARY TO SUPPORT MAIN REINFORCING AT THE POSITIONS INDICATED. F. DETAIL AND FABRICATE BARS IN ACCORDANCE WITH THE LATEST ADDITION OF THE ACI DETAILING

MANUAL AND ACI BUILDING CODE REQUIREMENTS.... A. WIDE-FLANGED SHAPES SHALL CONFORM TO ASTM A992 (50 KSI.). CHANNELS, ANGLES AND PLATES

SHALL CONFORM TO ASTM A36. TUBE SHAPES SHALL CONFORM TO ASTM A500, GRADE B. STANDARD BOLTS AND ANCHOR BOLTS SHALL CONFORM TO ASTM A307. ALL WELDING SHALL BE DONE USING E70 ELECTRODES. B. STEEL DECK SHALL BE DESIGNED, FABRICATED AND ERECTED IN ACCORDANCE WITH STEEL DECK

INSTITUTE SPECIFICATIONS. a. STEEL DECK BY OTHER MANUFACTURES MAY BE SUPPLIED IF THE SECTION PROPERTIES OF THE DECK PROPOSED ARE SIMILAR TO THE DECK CALLED FOR AND IF APPROVED BY THE

ARCHITECT AND ENGINEER. b. STEEL DECK SHALL BE ATTACHED ACCORDING TO THE MANUFACTURE'S RECOMMENDATIONS,

TO ACHIEVE WIND SHEAR NOTED ON THE DRAWINGS. C. STRUCTURAL STEEL SHALL BE DETAILED, FABRICATED AND ERECTED ACCORDING TO THE LATEST

PROVISIONS OF THE AISC MANUAL OF STEEL CONSTRUCTION. D. PROVIDE ALL NECESSARY TEMPORARY BRACING TO HOLD STEEL FRAMING IN POSITION UNTIL PROPERLY CONNECTED TO ADJACENT FRAMING OR UNTIL THE FRAME IS OTHERWISE SELF

E. NO SPECIAL FIELD INSPECTIONS FOR WELDING IS REQUIRED, AS LONG AS WELDING IS DONE BY

CERTIFIED WELDERS. 6. MASONRY:

A. ALL MASONRY BLOCK UNITS SHALL CONFORM TO ASTM C90 - GRADE A.

B. ALL MORTAR SHALL CONFORM TO ASTM C270, TYPE S. C. GROUT FOR BOND BEAMS AND VERTICAL WALL REINFORCING SHALL BE 3/8" AGGREGATE CONCRETE WHICH WILL DEVELOP 3000 PSI IN 28 DAYS. VERTICAL WALL REINFORCING SHALL BE

GROUTED IN 4'-0" MAXIMUM LIFTS. D. BOND BEAMS AND VERTICAL WALL REINFORCING SHALL CONFORM TO ASTM A615 - GRADE 60. VERTICAL WALL REINFORCING SHALL LAP 36 BAR DIAMETERS AT APPROXIMATELY 1/3 POINTS OF

THE WALL HEIGHT.

E. HORIZONTAL REINFORCING IN MASONRY WALLS SHALL BE STANDARD " DUR-O-WALL" JOINT REINFORCING SPACED 16" ON CENTER UNLESS OTHERWISE NOTED. 7. ARCHITECT'S/ENGINEER'S APPROVAL MUST BE SECURED FOR ALL SUBSTITUTIONS.

8. ALL DIMENSIONS ON STRUCTURAL DRAWINGS SHALL BE CHECKED WITH ARCHITECT'S. 9. ALL DIMENSIONS SHALL BE FIELD VERIFIED BY THE CONTRACTOR. IT IS THE CONTRACTOR'S RESPONSIBILITY TO IMMEDIATELY NOTIFY THE ARCHITECT AND/OR ENGINEER SHOULD ANY EXISTING CONDITION NOT BE SHOWN, OR IF ANY EXISTING CONDITION DIFFERS FROM THOSE SHOWN ON THE

10. THESE DRAWINGS DO NOT INCLUDE PROVISIONS FOR JOBSITE SAFETY. JOBSITE SAFETY IS THE RESPONSIBILITY OF THE CONTRACTOR.

BROWN NGINEERS, LLC

BIG MINE ICE RINK HOCKEY CHANGING ROOMS STREE' BUTTE, 2ND TED 620 CREST

CONSULTING STRU
CONSULTING STRU
PO
Crested F
81224 Ce
81224 Ce
DESIGN & DRAWN: LEK
DATE: 08/11/20

PURPOSE

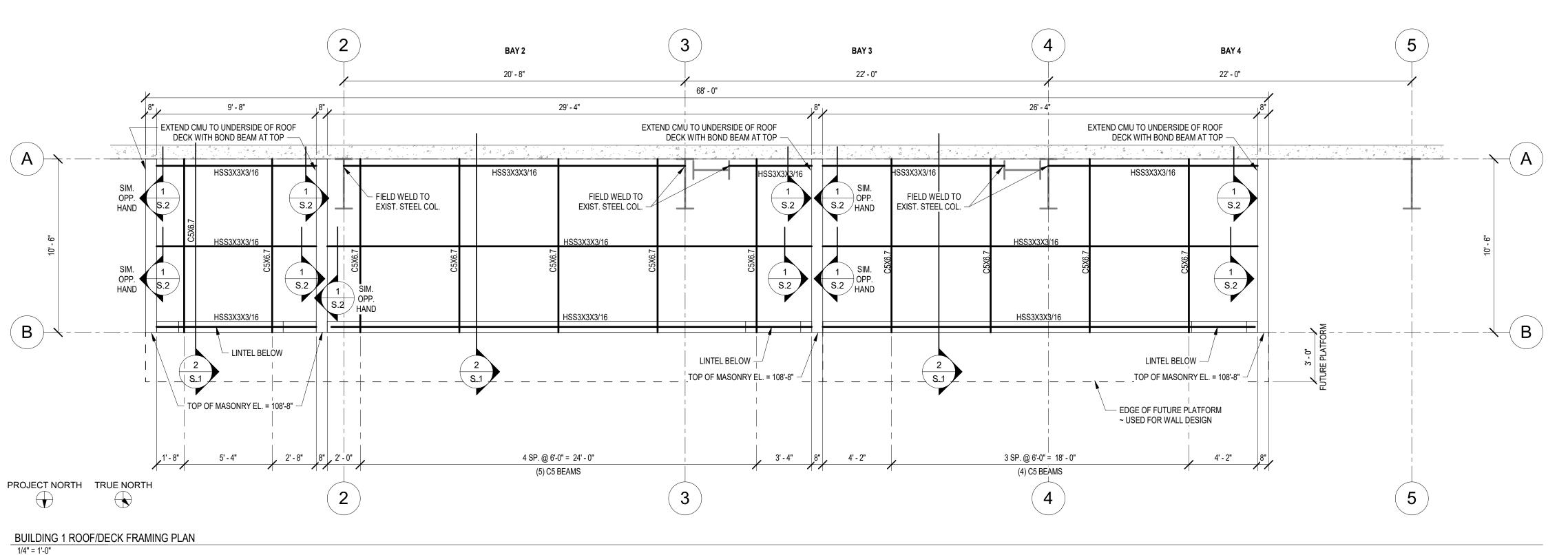
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CRESTED BUTTE
COLORADO, 81224
L/FAX 970.349.5378

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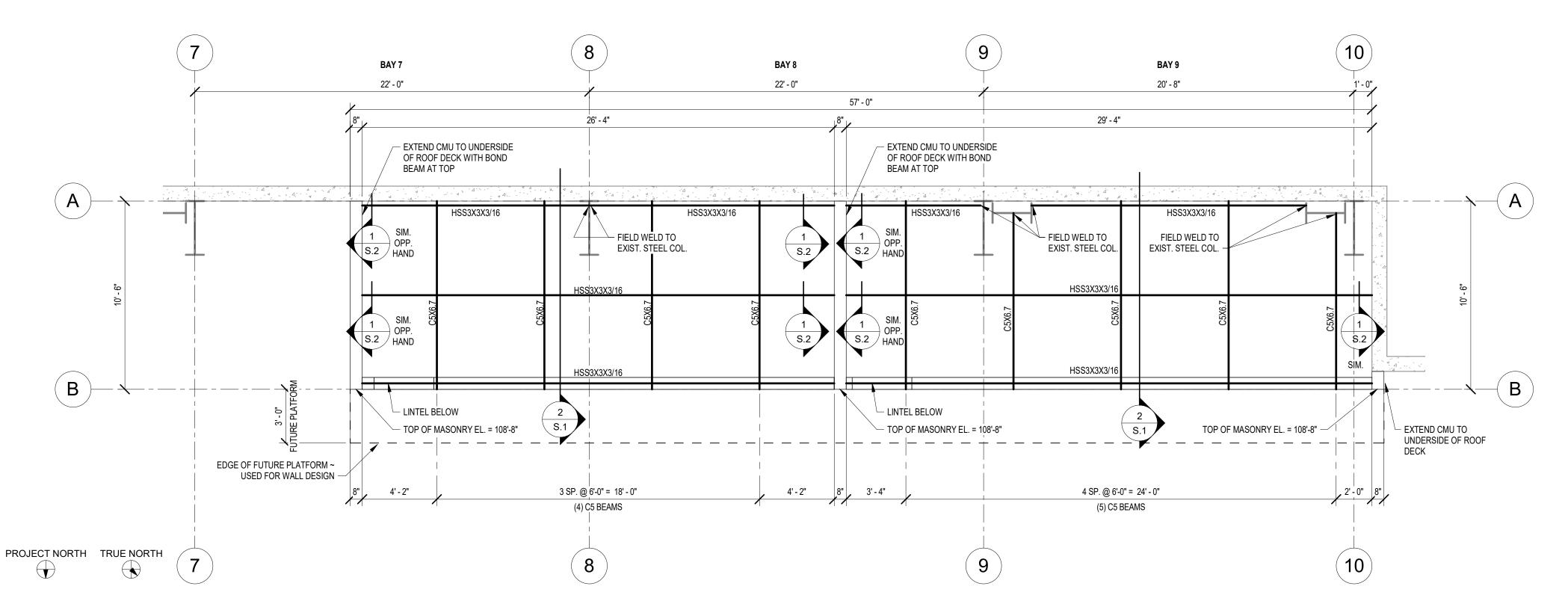
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HOCKEY CHANGING ROOMS
620 2ND STREET
CRESTED BUTTE, CO



1. ROOF DECK SHALL BE 24 GA. STANDING-SEAM METAL DECK ON PURLINS AS SHOWN. STANDING-SEAM METAL DECK SHALL BE CAPABLE OF SUPPORTING 40PSF, WITH A SPAN LENGTH OF 5'.
2. TOP OF MASONRY WALL EL. = 108'-0" UNLESS NOTED.

3. SEE 2/S.2 FOR TYPICAL MASONRY LINTEL.



BUILDING 2 ROOF/DECK FRAMING PLAN

1. ROOF DECK SHALL BE 24 GA. STANDING-SEAM METAL DECK ON PURLINS AS SHOWN. STANDING-SEAM METAL DECK SHALL BE CAPABLE OF SUPPORTING 40PSF, WITH A SPAN LENGTH OF 5'.

2. TOP OF MASONRY WALL EL. = 108'-0" UNLESS NOTED. 3. SEE 2/S.2 FOR TYPICAL MASONRY LINTEL. EXISTING CONCRETE WALL

8"X 8" MINIMUM BOND BEAM WITH (2)#4

HSS PURLIN ~ SEE PLAN FOR SIZE

L3X3X3/16X 0"-3" WITH (1)5/8"ØX 4"
EMBEDMENT EPOXY BOLT INTO
BOND BEAM ~INTO EXISTING 10"
RETAINING WALL AT SIM. SECT.

TOP OF MASONRY
ELEV: 108'-0"

8"X 8" BOND BEAM WITH (2)#4
~ FOR FUTURE PLATFORM

LEGEND

SEE PLATFORM SECTION AND ROOF SECTION FOR DETAILS ABOVE LINTEL

TOP OF MASONRY
ELEV: 108'-0"

8X8 BOND BEAM WITH
(2)#4 CONTINUOUS

(2) JL 3 1/2X 3 1/2X 1/4 WITH 6" BEARING EACH END ~ CONTRACTORS OPTION: OMIT ANGLES AND SHORE BOND BEAM AT OPENINGS

MASONRY ~ BEYOND OPENING

(1)#4 VERTICAL @ EACH SIDE OF OPENING ~ BEYOND